

3050 Spruce Street, Saint Louis, MO 63103, USA

Website: [www.sigmaldrich.com](http://www.sigmaldrich.com)Email USA: [techserv@sial.com](mailto:techserv@sial.com)Outside USA: [eurtechserv@sial.com](mailto:eurtechserv@sial.com)

## Product Specification

Product Name:

Terbium - foil, size 25 mm × 25 mm × 1 mm, 99.9% trace rare earth metals basis

**Product Number:****693715**

CAS Number:

7440-27-9

MDL:

MFCD00011256

Formula:

Tb

Formula Weight:

158.93 g/mol

**Tb**

TEST	Specification
Appearance (Color)	Conforms to Requirements
Dark Grey	
Appearance (Form)	Conforms to Requirements
Foil	
Particle Size	Conforms
25 mm x 25 mm +/- 0.5 mm x 1 mm +/- 0.05 mm	
ICP Major Analysis	Confirmed
Confirms Terbium Component	
Purity	Meets Requirements
99.9% Based On Rare Earth Analysis	
Trace Rare Earth Analysis	≤ 2000.0 ppm

Specification: PRD.1.ZQ5.10000035369

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at [Sigma-Aldrich.com](http://Sigma-Aldrich.com). For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.